

Claudin-5 (Phospho Tyr217) Rabbit pAb

CatalogNo: YP1089

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- IHC, IF, WB, ELISA

MW

- 23kD (Observed)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-2000

IHC 1:100-1:300

ELISA 1:5000

IF 1:50-200

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen The antiserum was produced against synthesized peptide derived from human Claudin 5 around the phosphorylation site of Tyr217. AA range:169-218

Specificity

Phospho-Claudin-5 (Y217) Polyclonal Antibody detects endogenous levels of Claudin-5 protein only when phosphorylated at Y217. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):KKNyV

Target Information

Gene name CLDN5

Protein Name Claudin-5

Organism	Gene ID	UniProt ID
Human	7122 ;	O00501 ;
Mouse	12741 ;	O54942 ;
Rat	65131 ;	Q9JKD6 ;

Cellular Localization

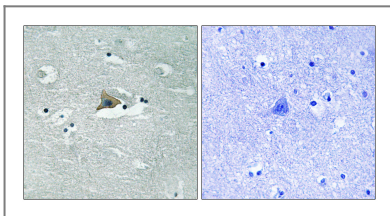
Cell junction , tight junction. Cell membrane; Multi-pass membrane protein.

Tissue specificity Adipose tissue ,Brain ,Lung ,Prostate ,

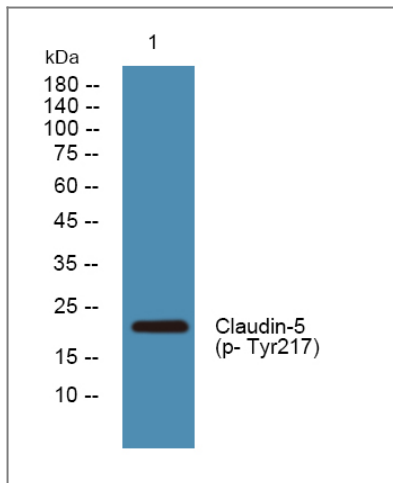
Function

Function:Plays a major role in tight junction-specific obliteration of the intercellular space. ,similarity:Belongs to the claudin family. ,subunit:Directly interacts with TJP1/ZO-1 , TJP2/ZO-2 and TJP3/ZO-3. Interacts with MPDZ. ,

Validation Data



Immunohistochemistry analysis of paraffin-embedded human brain, using Claudin 5 (Phospho-Tyr217) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from HCT116 cells, primary antibody was diluted at 1:1000, 4°C over night

Contact information

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Please scan the QR code to access additional product information:
Claudin-5 (Phospho Tyr217) Rabbit pAb

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